



COMMONWEALTH of VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010443
CERTIFICATION DATE: December 27, 2013
DATE RECERTIFICATION DUE: June 25, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.

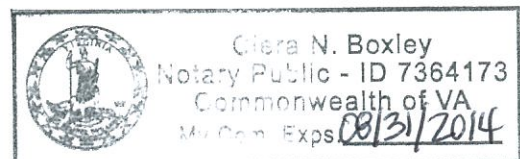
Timmy L. Neece, Jr.
Forensic Scientist

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 7th day of January, 2014 by Timmy L. Neece, Jr.

Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



msk

DBH
TLN

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 12/27/2013**

Instrument Serial Number: 010443	As of 27-Dec-13
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Maintenance Date	Certification Date	Technician Initials	Remarks
27-Dec-13	27-Dec-13	DBH (21250)	CERTIFIED.
17-Jul-13	17-Jul-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED. REPLACED DRY GAS STANDARD.
13-Feb-13	13-Feb-13	SED (24178)	CERTIFIED.
24-Aug-12	24-Aug-12	DBH (21250)	CERTIFIED.
30-Jul-12	30-Jul-12	HMS (18910)	REPLACED AND TESTED FUEL CELL MODULE, CALIBRATED AND CERTIFIED.
07-Feb-12	07-Feb-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
18-Aug-11	18-Aug-11	HMS (18910)	REPLACED DRY GAS STANDARD, CALIBRATED AND CERTIFIED.
10-Mar-11	10-Mar-11	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
28-Sep-10	28-Sep-10	HMS (18910)	CERTIFIED
06-Jul-10	12-Apr-10	HMS (18910)	REPLACED DRY GAS STANDARD.
12-Apr-10	12-Apr-10	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
28-Oct-09	28-Oct-09	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED.
16-Jun-09	16-Jun-09	HMS (18910)	CERTIFIED.
11-May-09	11-May-09	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
28-Apr-09	28-Apr-09	RJP (22428)	REPLACED TANK TOP LID. CERTIFIED.
06-Nov-08	06-Nov-08	HMS (18910)	CALIBRATED AND CERTIFIED.
03-Nov-08	03-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

DBH
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INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010443 Worksheet Start Date 12/27/2013
Location Prince George PD
Address 6600 Courthouse Rd Prince George VA 23875
DFS Technician Donald Hall License No. 21250
☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 769 Reference Barometer (mm HG) 770
Reference Barometer(RB)Serial # 009109 RB Calibration Due 8/1/2014

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.303
0.300	0.303	0.293	0.312	Sample 2	0.303
Precision		sample min	sample max	Sample 3	0.303
0		0.303	0.303		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.101
0.100	0.101	0.097	0.104	Sample 2	0.101
Precision		sample min	sample max	Sample 3	0.101
0		0.101	0.101		

Dry gas standard Lot No. (with tank no.) AG227501-04

☐ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies

Mouthpieces

Certificates of Analysis

Operator Worksheet

Other:

50

50

50

Notes:

Instrument Serial Number

010443

Certification Date

12/27/2013

☐ Calibrated☒ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.250
0.250	0.253	0.245	0.260	Sample 2	0.249
Precision		sample min	sample max	Sample 3	0.248
0.002		0.248	0.250		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.150
0.150	0.152	0.147	0.156	Sample 2	0.150
Precision		sample min	sample max	Sample 3	0.150
0		0.150	0.150		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.080
0.080	0.081	0.078	0.084	Sample 2	0.080
Precision		sample min	sample max	Sample 3	0.080
0		0.080	0.080		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.019
0.020	0.020	0.017	0.023	Sample 2	0.019
Precision		sample min	sample max	Sample 3	0.019
0		0.019	0.019		

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Donald B Hall

Date

12/27/13

Issuing Analyst

[Signature]

Date

1/6/14

INTOX EC/IR-11: Certification

DBH
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Department of Forensic Science

Serial Number: 010443 Test Number: 1753
Test Date: 12/27/2013 Test Time: 10:53 EST

Technician Initials: DBH

Dry Gas Target: 0.253

Lot Number: 2961225012-09 Exp Date: 11/01/2014
Tank Pressure: 678 psi Barometric Pressure: 769 mmHg
System Check: Passed

Test	g/210L	Time
DIAG	Pass	10:54
BLK	0.000	10:54
CHK	0.250	10:55
BLK	0.000	10:56
CHK	0.249	10:57
BLK	0.000	10:59
CHK	0.248	10:59
BLK	0.000	11:01

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

intox EC/IR-11: Certification

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Department of Forensic Science

Serial Number: 010443 Test Number: 1754
Test Date: 12/27/2013 Test Time: 11:04 EST

Technician Initials: DBH

Dry Gas Target: 0.152

Lot Number: 2951215012-03 Exp Date: 11/01/2014
Tank Pressure: 301 psi Barometric Pressure: 769 mmHg
System Check: Passed

Test	g/210L	Time
DIAG	Pass	11:04
BLK	0.000	11:05
CHK	0.150	11:06
BLK	0.000	11:07
CHK	0.150	11:08
BLK	0.000	11:09
CHK	0.150	11:10
BLK	0.000	11:11

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

Intox EC/IR-11: Certification

DBH
TLV

Department of Forensic Science

Serial Number: 010443 Test Number: 1755
Test Date: 12/27/2013 Test Time: 11:14 EST

Technician initials: DBH

Dry Gas Target: 0.081

Lot Number: 0771308012-01 Exp Date: 05/01/2015

Tank Pressure: 884 psi Barometric Pressure: 769 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	11:14
BLK	0.000	11:15
CHK	0.080	11:16
BLK	0.000	11:17
CHK	0.080	11:18
BLK	0.000	11:19
CHK	0.080	11:20
BLK	0.000	11:21

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

DBH
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Department of Forensic Science

Serial Number: 010443 Test Number: 1756
Test Date: 12/27/2013 Test Time: 11:24 EST

Technician Initials: DBH

Dry Gas Target: 0.020

Lot Number: 0771302011-02 Exp Date: 05/01/2015

Tank Pressure: 757 psi Barometric Pressure: 769 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	11:24
BLK	0.000	11:25
CHK	0.019	11:26
BLK	0.000	11:27
CHK	0.019	11:27
BLK	0.000	11:29
CHK	0.019	11:29
BLK	0.000	11:31

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

Intox EC/IR-II: Accuracy Check

DBH
TL✓

Department of Forensic Science

Serial Number: 010443 Test Number: 1757

Test Date: 12/27/2013 Test Time: 11:34 EST

Dry Gas Target: 0.303

Lot Number: AG322702-07 Exp Date: 08/15/2015

Tank Pressure: 247 psi Barometric Pressure: 768 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:35
CHK	0.303	11:36
BLK	0.000	11:37
CHK	0.303	11:38
BLK	0.000	11:39
CHK	0.303	11:40

Test Status: *Success*

Calibration CRC: E14FD470

Intox EC/IR-II: Accuracy Check

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Department of Forensic Science

Serial Number: 010443 Test Number: 1758

Test Date: 12/27/2013 Test Time: 11:43 EST

Dry Gas Target: 0.101

Lot Number: AG227501-04 Exp Date: 10/01/2014

Tank Pressure: 330 psi Barometric Pressure: 768 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:44
CHK	0.101	11:44
BLK	0.000	11:46
CHK	0.101	11:47
BLK	0.000	11:48
CHK	0.101	11:49

Test Status: *Success*

Calibration CRC: E14FD470

DBH
TLW



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED	NAME OF COURT
INSTRUMENT, TEST,	DFS

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY		AGENCY
HALL, DONALD, B		DFS Central Lab
DFS LICENSE NUMBER	LICENSE EXPIRES	DATE TEST CONDUCTED
21250	10/01/2014	12/27/2013
TEST EQUIPMENT NUMBER		
010443		

RESULTS: TIME SAMPLE TAKEN **11:58 EST**

SAMPLE'S ALCOHOL CONTENT **0.00** GRAMS PER 210 LITERS OF BREATH

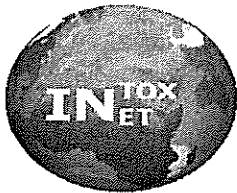
ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 27 Dec 2013 at 14:01

DBH
TLN

Test Results

Instrument Serial Number 010443

Test # 001759 Subject Test

Test Location 1 Department of
Test Date 27 Dec 2013

Test Location 2 Forensic Science
Test Time 11:51
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name HALL
Agency DFS Central Lab

Operator's First Name DONALD

Operator's Middle Initial B
License Number 21250

Card Serial Number 121250

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 27 Dec 2013 End Time 11:59

Result Time 11:58

Result Date 27 Dec 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 11:52

Data Type BLK

Sample Value 0.000

Sample Time 11:53

Data Type CHK

Sample Value 0.101

Sample Time 11:53

Data Type BLK

Sample Value 0.000

Sample Time 11:55

Data Type SUBJ

Sample Value 0.000

Sample Time 11:56

Data Type BLK

Sample Value 0.000

Sample Time 11:57

Data Type SUBJ

Sample Value 0.000

Sample Time 11:58

Data Type BLK

Sample Value 0.000

Sample Time 11:59

Standard Type Dry Gas Std

Standard Value 0.101

Standard Lot Number AG227501-04

Standard Expiration Date 10/01/2014

Tank Pressure 321

Barometric Pressure 768 mmHg

Blow Sample Number 1 Blow Duration 3.72 sec

Blow Volume 1999 cc End-of-Blow Time 11:56

Blow Sample Number 2 Blow Duration 4.00 sec

Blow Volume 1973 cc End-of-Blow Time 11:58

Tamper Evident Stamp 9d0bf2d7

Test Status Code 0

Test Status Success